

**Work Order ID 115416**

March-31-14 10:06:31 AM

**\*115416\***

Page 1

Item ID: D4088-041

Revision ID:

Item Name: Shoulder Harness

Start Date: 3/31/14 Start Qty: 6.00 \*6\*

Required Date: 3/31/14 Req'd Qty: 6.00 \*6\*

Reference: NCR14-3682

Accept

**\*N900040100\***Setup Start **\*NS1\***Stop **\*NS2\***

Cust Item ID:

Customer:

Approvals: Process Plan: W Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D4088

A

0.00

0.00

**\*100\***

Purchasing

Purchasing

**Memo**

PULL FROM STK:

6 X D4088-041 B113288

PER NCR14-3682

RETURN TO VENDOR FOR REWORK

Issue P/O: 23013

Manufacture D4088-041 as per Dwg D4088

Supplier: AMSAFE INC.

Certificate of conformity is required

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

0.00

**\*110\***

Packaging

Packaging

**Memo**WMS 4-1-14144/10 (6)

**Work Order ID 115416**

March-31-14 10:06:31 AM

**\*115416\***

Page 2

Item ID: D4088-041

Revision ID:

Item Name: Shoulder Harness

Start Date: 3/31/14 Start Qty: 6.00 **\*6\***Required Date: 3/31/14 Req'd Qty: 6.00 **\*6\***

Reference: NCR14-3682

Accept

**\*N900040100\***Setup Start **\*NS1\***Stop **\*NS2\***

Cust Item ID:

Customer:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00

**\*120\***

QC

Memo

0.00

Quality Control

130

Identify as per dwg & Stock Location: 5T268

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

RE-IDENTIFY USING NEW B/N

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

6

6x

DAS  
28  
9-89

APR 17 2014

R14-4-17

# Picklist Print

March-31-14 10:06:31 AM

Page 1

Work Order ID: 115416

**\*115416\***

Parent Item: D4088-041

**\*D4088-041\***

Parent Item Name: Shoulder Harness

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:A NEW ISSUE DD 10.04.29 VERIFIED:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4088-041		Manufactured	No				Each	11.0000		6			
<b>*D4088-041*</b>									<b>**</b>				
Shoulder Harness													

Location

Loc Qty

Loc Code

st268

11

107228

1

113656

10

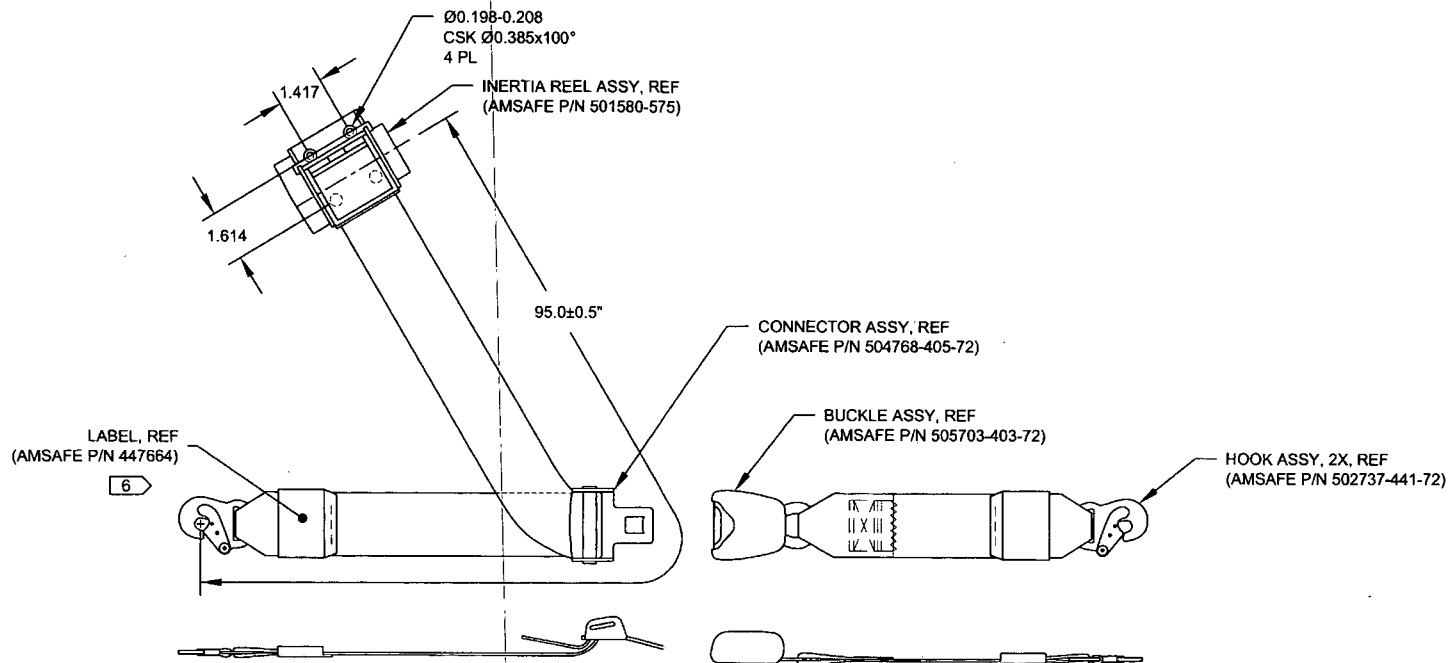
113288

115716

14/4/10



# SPECIFICATION CONTROL DRAWING



## D4088-041 SHOUDLER HARNESS

RELEASED  
2010-04-27

### NOTES:

- 1) PURCHASE: AMSAFE INC. P/N 3221-1-011-2396  
3-POINT SHOULDER HARNESS WITH PUSH-BUTTON BUCKLE  
MEETS REQUIREMENTS OF TSO-C114  
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:  
PART NO. 3221-1-011-2396  
CUST P/N: D4088-041  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

*Not used*

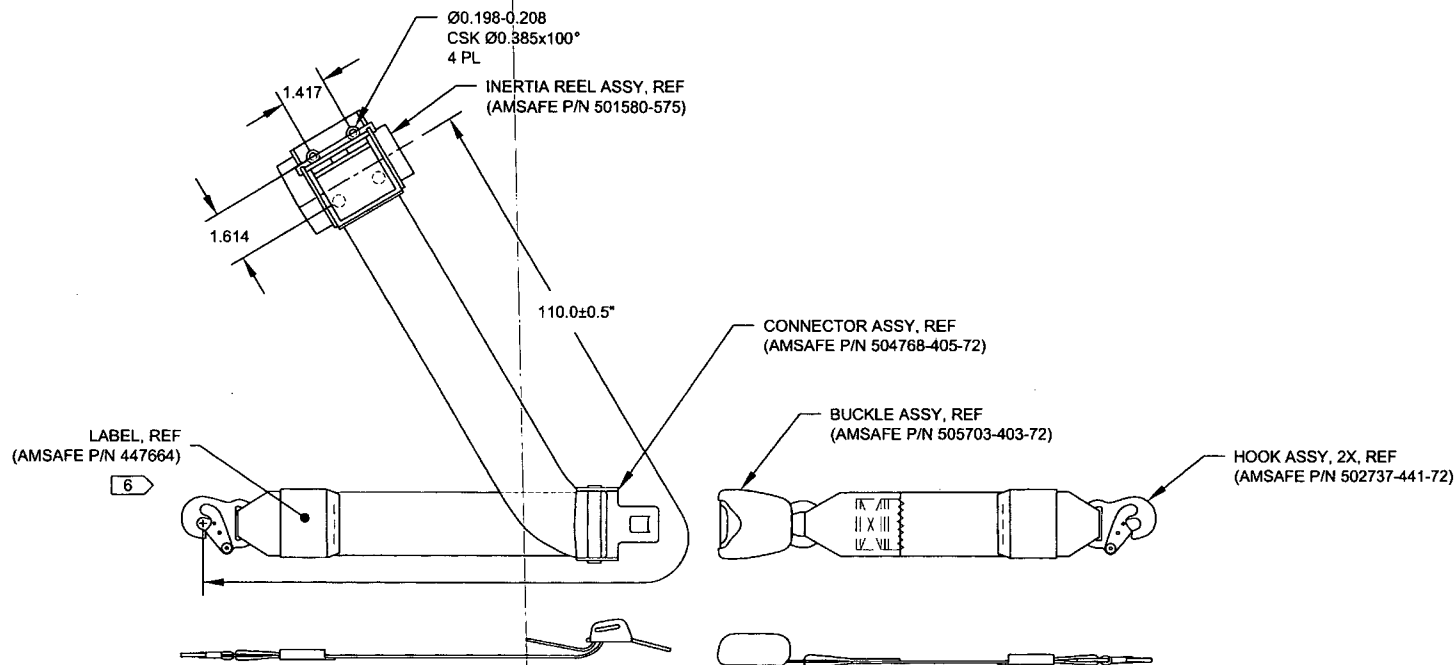
REV.	NEW ISSUE	DESCRIPTION	CP	10.03.16
DESIGN			BY	DATE
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE	10.03.16			

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV: A  
D4088 SHEET 1 OF 2  
TITLE SCALE  
SHOULDER HARNESS NTS

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# **SPECIFICATION CONTROL DRAWING**



## **D4088-043 SHOULDER HARNESS**

### **NOTES:**

- 1) PURCHASE: AMSAFE INC. P/N 3221-1-021-2396  
3-POINT SHOULDER HARNESS WITH PUSH-BUTTON BUCKLE  
MEETS REQUIREMENTS OF TSO-C114  
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:  
PART NO. 3221-1-021-2396  
CUST. P/N: D4088-043  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

**RELEASED**  
2010-04-27

DESIGN	91	<b>DART AEROSPACE LTD</b>	
DRAWN	92	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4088	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SHOULDER HARNESS	NTS
DATE	10.03.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

**Work Order ID 113288**

February-12-14 10:54:54 AM

**\*113288\***

Page 1

Item ID: D4088-041  
Revision ID:  
Item Name: Shoulder Harness

Accept

**\*N9000040100\***Setup Start **\*NS1\***Stop **\*NS2\***

Start Date: 2/12/14 Start Qty: 6.00 **\*6\***  
Required Date: 2/12/14 Req'd Qty: 6.00 **\*6\***

Cust Item ID:  
Customer:

Reference:

Approvals: Process Plan: MLS Date: 4-02-13  
QC: \_\_\_\_\_ Date: \_\_\_\_\_

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***  
Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4088	A								

100

**\*100\***

Purchasing  
Purchasing

Memo

Issue P/O: 23013  
Manufacture D4088-041 as per Dwg D4088  
Supplier: AMSAFE INC.  
Certificate of conformity is required

0.00

0.00

CY 14/02/14 (6)

110

**\*110\***

Packaging  
Packaging

Receive &amp; Inspect for Damage &amp; Mat'l Certs

Memo

0.00

0.00

Rec'd 3/10 (6)

120

**\*120\***

QC  
Quality Control

QC6- Inspect dimensions to drawing

Memo

0.00

0.00

DAS  
27  
9-89

14/3/126



## Supplier Non-Conformance Report

<b>Reviewed</b>
<b>DQA:</b>
<b>Date:</b>

Printed on: Monday, March 31, 2014

<b>Details</b>			
<b>Raised Date</b> 3/31/2014	<b>Status</b> Open	<b>Owner</b> Forbes, Nigel	<b>Number</b> NCR14-3682
<b>Target Date</b> 4/11/2014	<b>Standard</b>		<b>Severity</b> MAJOR
<b>Process</b> Quality Inspection		<b>Audit</b>	
<b>Raised By Person</b> Downing, Eric M	<b>Raised Against (Department or Supplier)</b> Amsafe Inc.		<b>Fault Category</b> Supplier
<b>Details</b> D4088-041 B113288 was found to be missing all the chamfers around the holes on the real. quantity of 6 parts affected (al). the parts were received and inspected in without being noticed.			
<b>Keywords</b>		<b>Product</b> D4088-041	
<b>Document</b>		<b>Root Cause</b>	
<b>Closed By</b>	<b>Closed Date</b>	<b>Resolution</b>	

<b>Corrective Action</b>			
<b>Target Date</b> 4/11/2014	<b>Owner</b> Downing, Eric M	<b>Closed Date</b>	<b>Closed By</b>
<b>Details</b>			

<b>Actions</b>			
<b>Number</b>	<b>Owner</b>	<b>Target Date</b>	<b>Completed Date</b>
<b>Details</b>		<b>Response</b>	
1	Downing, Eric M	4/1/2014	
pull all affected parts from stock			
2	Gregoire, Michael	4/4/2014	
contact the supplier to have the parts reworkedRMA # needed			

Verification & Review			
Target Date	Owner	Closed Date	Closed By
Details			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO23013

Purchase Order Date 2/14/2014

PO Print Date 4/1/2014

Page Number 2 of 2

Order From :  
AMSAFE INC.  
1043 NORTH 47TH AVENUE  
PHOENIX, AZ 85043  
US

VU-AMS001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 602 850 2850

Ship To Contact  
Ship To Phone

Ship Via FedEx PI collect  
Ship Acct

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB FCA - (Free Carrier)

115416	D4088-041 Shoulder Harness	4/15/2014	6.00	\$0.00	\$0.00
		No 4/15/2014			

\*\*\*NOTE\*\*\*

Parts being returned for warranty rework.  
NCR14-3682  
Snag: Missing chamfers at mounting holes  
RMA#20142017  
Mfg P/N 3221-1-011-2396

Ship Fedex P2.ac#2327-9592-1  
\*\*\*\*\*

Line Total: \$0.00

PO Total: \$3,256.60

Ref: RMA20142017 P023 Date: 01Apr14  
Dep: Wgt: 11.00 LBS  
CV:  
# of Pkgs: 1  
Svcs: INTL PRIORITY ISR  
TRCK: 5612 9603 4554

SHIPPING: 0.00  
SPECIAL: 0.00  
HANDLING: 0.00  
TOTAL: 0.00

PO Instructions: Procurement Quality Clauses  
A004 faa-pma/tso  
A005 right of entry  
A007 first article inspection  
A016 personnel qualification  
A026 certification of material conformance  
A040 notification of quality escape  
A041 quality management system  
A042 dart notification by supplier

*M. Lavoie*

# AmSafe

1043 NORTH 47th AVENUE  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)850-2812

## SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

SALES ORDER NO.
20142017

BOL NO.
000331199

DATE PRINTED
04/09/14

PAGE NO.
1

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
HAWKESBURY, ON K6A 1K7  
Canada

DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKESBURY,, ON K6A 1K7  
Canada

Ship to ID: 10006125

CUSTOMER ORDER NO.
PO23013

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FED EX P1

F.O.B.
ORIGIN

Sales Order Remarks:

Remarks:

MUST SHIP 4/7/14

SHIPMENT REFERENCE 000331199

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	Cust.-Item No.: D4088-041 3221-1-011-2396 REST SYS ASSY W/IR	DRAWING: 3221 REV: A CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity 20142017-1 CRO #76735	2014-04-07	6 Expire Ref.	6	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certification test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X

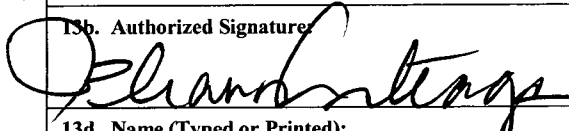
Printed Name:

*Michael Annet*

Dated:

APR 07 2014

COUNTRY OF ORIGIN USA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20142017-1-EA	
4. Organization Name and Address: AMSAFE, INC 1043 NORTH 47 <sup>TH</sup> AVE PHOENIX, AZ. 85043 PT1967NM					5. Work Order/Contract/Invoice Number: 20142017-1 0 PAGES ATTACHED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	REST SYS ASSY W/IR	3221-1-011-2396	6	N/A	NEW	
12. Remarks: DRAWING: 3221 REV: A TSO: C114 DATE CODE: A0314 CUSTOMER P/N: D4088-041  EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA						
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA602112NM		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): ELEANOR ARTEAGA		13e. Date (dd/mm/yyyy): 09/APR/2014		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						



## Supplier Non-Conformance Report

<b>Reviewed</b>
<b>DQA:</b>
<b>Date:</b>

Printed on: Monday, March 31, 2014

<b>Raised Date</b> 3/31/2014	<b>Status</b> Open	<b>Owner</b> Forbes, Nigel	<b>Number</b> NCR14-3682
<b>Target Date</b> 4/11/2014	<b>Standard</b>	<b>Severity</b> MAJOR	
<b>Process</b> Quality Inspection		<b>Audit</b>	
<b>Raised By Person</b> Downing, Eric M	<b>Raised Against (Department or Supplier)</b> Amsafe Inc.		<b>Fault Category</b> Supplier
<b>Details</b> D4088-041 B113288 was found to be missing all the chamfers around the holes on the real. quantity of 6 parts affected (al). the parts were received and inspected in without being noticed.			
<b>Keywords</b> P/O 23013		<b>Product</b> D4088-041	
<b>Document</b>		<b>Root Cause</b>	
<b>Closed By</b>	<b>Closed Date</b>	<b>Resolution</b>	

<b>Target Date</b> 4/11/2014	<b>Owner</b> Downing, Eric M	<b>Closed Date</b>	<b>Closed By</b>
<b>Details</b>			

<b>Number</b>	<b>Owner</b>	<b>Target Date</b>	<b>Completed Date</b>
<b>Details</b>		<b>Response</b>	
1	Downing, Eric M	4/1/2014	
pull all affected parts from stock			
2	Gregoire, Michael	4/4/2014	
contact the supplier to have the parts reworkedRMA # needed			

<b>Target Date</b>	<b>Owner</b>	<b>Closed Date</b>	<b>Closed By</b>
<b>Details</b>			

<b>Number</b>	<b>Owner</b>	<b>Target Date</b>	<b>Completed Date</b>
<b>Details</b>		<b>Response</b>	

## Michael Gregoire

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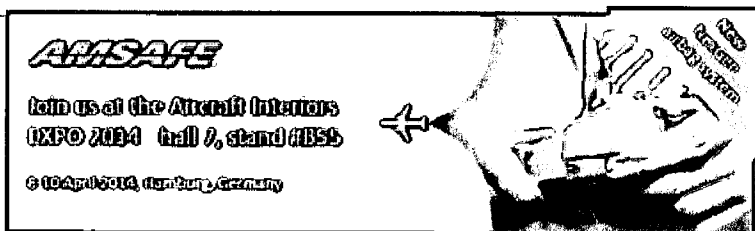
**From:** Kathy Wade <kwade@AMSAFE.com>  
**Sent:** Monday, March 31, 2014 5:01 PM  
**To:** Michael Gregoire  
**Subject:** RE: NCR14-3682

Dear Michael,

The RMA # is 20142017. This needs to be on the OUTSIDE OF THE BOX and on the paperwork. Our FED EX Account # is 2327-9592-1. Please return FED EX P2.

Best Regards,

*Kathy Wade*  
*Customer Service Sales Analyst*  
*AmSafe*  
*(602) 850.2899 Phone*  
*(602) 850-2812 Fax*



---

**From:** Michael Gregoire [<mailto:mgregoire@dartaero.com>]  
**Sent:** Monday, March 31, 2014 9:59 AM  
**To:** Kathy Wade  
**Subject:** RE: NCR14-3682

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**From:** Kathy Wade [<mailto:kwade@AMSAFE.com>]  
**Sent:** Monday, March 31, 2014 12:48 PM  
**To:** Michael Gregoire  
**Subject:** RE: NCR14-3682

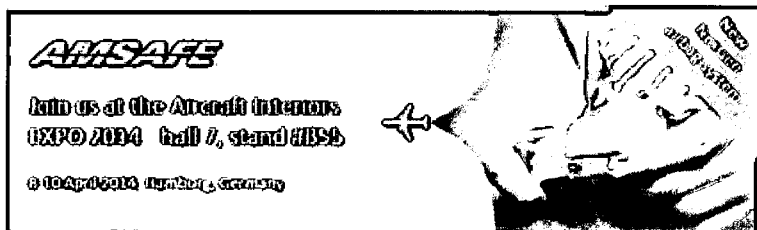
Dear Michael,

The NCR states the letter size is bigger than it supposed to be. What letter size are we talking about?

Best Regards,

*Kathy Wade*  
*Customer Service Sales Analyst*  
*AmSafe*  
*(602) 850.2899 Phone*

(602) 850-2812Fax



---

**From:** Michael Gregoire [<mailto:mgregoire@dartaero.com>]

**Sent:** Monday, March 31, 2014 9:37 AM

**To:** Kathy Wade

**Subject:** RE: NCR14-3682

Kathy,

That would be 3221-1-011-2396.

Mike

---

**From:** Kathy Wade [<mailto:kwade@AMSAFE.com>]

**Sent:** Monday, March 31, 2014 11:55 AM

**To:** Michael Gregoire

**Subject:** RE: NCR14-3682

Dear Michael.

There are 2 different P/Ns on this PO. Which P/N are we talking about?

Best Regards,

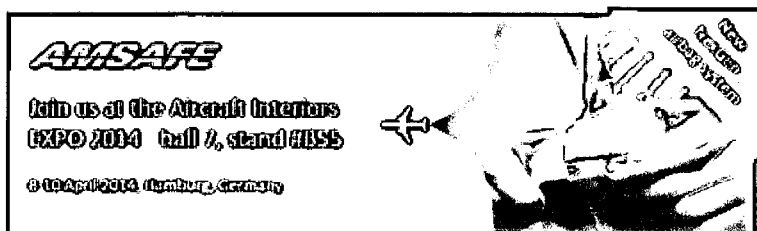
*Kathy Wade*

*Customer Service Sales Analyst*

*AmSafe*

*(602) 850.2899 Phone*

*(602) 850-2812Fax*



---

**From:** Michael Gregoire [<mailto:mgregoire@dartaero.com>]

**Sent:** Monday, March 31, 2014 8:52 AM

**To:** Kathy Wade

**Subject:** RE: NCR14-3682

Hello Kathy,

PO is 23013

Regards,

Mike

---

**From:** Kathy Wade [mailto:kwade@AMSAFE.com]

**Sent:** Monday, March 31, 2014 11:39 AM

**To:** Michael Gregoire

**Subject:** RE: NCR14-3682

Dear Mike,

I do not have this PO in my system. Can you give me the P/N please?

Best Regards,

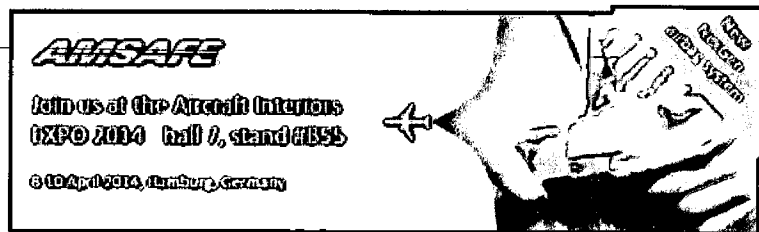
*Kathy Wade*

*Customer Service Sales Analyst*

*AmSafe*

*(602) 850.2899 Phone*

*(602) 850-2812 Fax*



---

**From:** Michael Gregoire [mailto:mgregoire@dartaero.com]

**Sent:** Monday, March 31, 2014 7:16 AM

**To:** Kathy Wade

**Subject:** NCR14-3682

Hello Kathy,

Please see attached NCR and provide an RMA for the return.

Regards,

Mike Gregoire

Dart Aerospace

Tel:613-632-3336

Fax:613-632-5246

Click [here](#) to report this email as spam.